

0590
0619

#4



OIPE

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/074,695

DATE: 06/18/2002
TIME: 09:07:03

Input Set : A:\213542000102 Seq List.txt
Output Set: N:\CRF3\06182002\J074695.raw

SEQUENCE LISTING

8 (1) GENERAL INFORMATION:
10 (i) APPLICANT: Olsson, Lennart
11 Naranda, Tatjana
13 (ii) TITLE OF INVENTION: RECEPTOR DERIVED PEPTIDES INVOLVED IN
14 MODULATION OF RESPONSE TO LIGAND BINDING
16 (iii) NUMBER OF SEQUENCES: 12
18 (iv) CORRESPONDENCE ADDRESS:
19 (A) ADDRESSEE: Morrison and Foerster LLP
20 (B) STREET: 755 Page Mill Road
21 (C) CITY: Palo Alto
22 (D) STATE: California
23 (E) COUNTRY: United States
24 (F) ZIP: 94304-1018
26 (v) COMPUTER READABLE FORM:
27 (A) MEDIUM TYPE: Floppy disk
28 (B) COMPUTER: IBM PC compatible
29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
32 (vi) CURRENT APPLICATION DATA:
C--> 33 (A) APPLICATION NUMBER: US/10/074,695
C--> 34 (B) FILING DATE: 11-Feb-2002
35 (C) CLASSIFICATION:
45 (vii) PRIOR APPLICATION DATA:
38 (A) APPLICATION NUMBER: US 08/788,820
39 (B) FILING DATE: 23-JAN-1997
42 (A) APPLICATION NUMBER: US 08/701,382
43 (B) FILING DATE: 22-AUG-1996
46 (A) APPLICATION NUMBER: US 08/612,999
47 (B) FILING DATE: 08-MAR-1996
49 (viii) ATTORNEY/AGENT INFORMATION:
50 (A) NAME: Apple, Randolph T.
51 (B) REGISTRATION NUMBER: 36,429
52 (C) REFERENCE/DOCKET NUMBER: 213542000102
54 (ix) TELECOMMUNICATION INFORMATION:
55 (A) TELEPHONE: (650) 813-5933
56 (B) TELEFAX: (415) 494-0792
57 (C) TELEX:
60 (2) INFORMATION FOR SEQ ID NO: 1:
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 25 amino acids
64 (B) TYPE: amino acid
65 (C) STRANDEDNESS: unknown

RAW SEQUENCE LISTING DATE: 06/18/2002
 PATENT APPLICATION: US/10/074,695 TIME: 09:07:03

Input Set : A:\213542000102 Seq List.txt
 Output Set: N:\CRF3\06182002\J074695.raw

```

66      (D) TOPOLOGY: unknown
68      (ii) MOLECULE TYPE: protein
70      (ix) FEATURE:
71          (A) NAME/KEY: CDS
72          (B) LOCATION: 50..1030
74      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1
76      Glu Arg Glu Thr Gln Ile Ala Lys Gly Asn Glu Gln Ser Phe Arg Val
77      1          5          10          15
79      Asp Leu Arg Thr Leu Leu Arg Tyr Tyr
80      20          25
83 (2) INFORMATION FOR SEQ ID NO: 2:
85      (i) SEQUENCE CHARACTERISTICS:
86          (A) LENGTH: 23 amino acids
87          (B) TYPE: amino acid
88          (C) STRANDEDNESS: unknown
89          (D) TOPOLOGY: unknown
91      (ii) MOLECULE TYPE: protein
93      (ix) FEATURE:
94          (A) NAME/KEY: CDS
95          (B) LOCATION: 50..1030
97      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2
99      Thr Trp Leu Gly Arg Gln Gly Pro Glu Gly Pro Ser Ser Ile Pro Pro
100     1          5          10          15
102     Gly Thr Leu Thr Thr Leu Trp
103     20
106 (2) INFORMATION FOR SEQ ID NO: 3:
108     (i) SEQUENCE CHARACTERISTICS:
109         (A) LENGTH: 24 amino acids
110         (B) TYPE: amino acid
111         (C) STRANDEDNESS: unknown
112         (D) TOPOLOGY: unknown
114     (ii) MOLECULE TYPE: protein
116     (ix) FEATURE:
117         (A) NAME/KEY: CDS
118         (B) LOCATION: 50..1030
120     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3
122     Lys Thr Asp Ser Gln Ile Leu Lys Glu Leu Glu Glu Ser Ser Phe Arg
123     1          5          10          15
125     Lys Thr Phe Glu Asp Tyr Leu His
126     20
129 (2) INFORMATION FOR SEQ ID NO: 4:
131     (i) SEQUENCE CHARACTERISTICS:
132         (A) LENGTH: 25 amino acids
133         (B) TYPE: amino acid
134         (C) STRANDEDNESS: unknown
135         (D) TOPOLOGY: unknown
137     (ii) MOLECULE TYPE: protein
139     (ix) FEATURE:
140         (A) NAME/KEY: CDS

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/074,695

DATE: 06/18/2002

TIME: 09:07:03

Input Set : A:\213542000102 Seq List.txt

Output Set : N:\CRF3\06182002\J074695.raw

```

141         (B) LOCATION: 50..1030
143     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4
145     Gly Arg Gly Asn Glu Lys Lys Pro Ser Ser Val Arg Ala Leu Ser Ile
146         1             5             10             15
148     Val Leu Pro Ile Val Leu Leu Val Phe
149         20             25
152 (2) INFORMATION FOR SEQ ID NO: 5:
154     (i) SEQUENCE CHARACTERISTICS:
155         (A) LENGTH: 24 amino acids
156         (B) TYPE: amino acid
157         (C) STRANDEDNESS: unknown
158         (D) TOPOLOGY: unknown
160     (ii) MOLECULE TYPE: protein
162     (ix) FEATURE:
163         (A) NAME/KEY: CDS
164         (B) LOCATION: 50..1030
166     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5
168     Lys Thr Glu Ala Glu Lys Gln Ala Glu Lys Glu Glu Ala Glu Tyr Arg
169         1             5             10             15
171     Lys Val Phe Glu Asn Phe Leu His
172         20
175 (2) INFORMATION FOR SEQ ID NO: 6:
177     (i) SEQUENCE CHARACTERISTICS:
178         (A) LENGTH: 23 amino acids
179         (B) TYPE: amino acid
180         (C) STRANDEDNESS: unknown
181         (D) TOPOLOGY: unknown
183     (ii) MOLECULE TYPE: protein
185     (ix) FEATURE:
186         (A) NAME/KEY: CDS
187         (B) LOCATION: 50..1030
189     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6
191     Lys Lys Glu Asn Lys Ile Val Pro Ser Lys Glu Ile Val Trp Trp Met
192         1             5             10             15
194     Asn Leu Ala Glu Lys Ile Pro
195         20
198 (2) INFORMATION FOR SEQ ID NO: 7:
200     (i) SEQUENCE CHARACTERISTICS:
201         (A) LENGTH: 25 amino acids
202         (B) TYPE: amino acid
203         (C) STRANDEDNESS: unknown
204         (D) TOPOLOGY: unknown
206     (ii) MOLECULE TYPE: protein
208     (ix) FEATURE:
209         (A) NAME/KEY: CDS
210         (B) LOCATION: 50..1030
212     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7
214     Glu Lys Lys Pro Val Pro Trp Glu Ser His Asn Ser Ser Glu Thr Cys
215         1             5             10             15

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/074,695

DATE: 06/18/2002

TIME: 09:07:03

Input Set : A:\213542000102 Seq List.txt

Output Set: N:\CRF3\06182002\J074695.raw

```

217 Gly Leu Pro Thr Leu Val Gln Thr Tyr
218      20      25
221 (2) INFORMATION FOR SEQ ID NO: 8:
222 (i) SEQUENCE CHARACTERISTICS:
223      (A) LENGTH: 24 amino acids
224      (B) TYPE: amino acid
225      (C) STRANDEDNESS: unknown
226      (D) TOPOLOGY: unknown
227 (ii) MOLECULE TYPE: protein
228 (ix) FEATURE:
229      (A) NAME/KEY: CDS
230      (B) LOCATION: 50..1030
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8
232 Tyr Lys Glu Gly Thr Met Leu Asn Cys Glu Cys Lys Thr Gly Phe Arg
233      1      5      10      15
234 Arg Ile Lys Ser Gly Ser Leu Tyr
235      20
244 (2) INFORMATION FOR SEQ ID NO: 9:
245 (i) SEQUENCE CHARACTERISTICS:
246      (A) LENGTH: 24 amino acids
247      (B) TYPE: amino acid
248      (C) STRANDEDNESS: unknown
249      (D) TOPOLOGY: unknown
250 (ii) MOLECULE TYPE: protein
251 (ix) FEATURE:
252      (A) NAME/KEY: CDS
253      (B) LOCATION: 50..1030
254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9
255 Leu Leu Glu Gly Glu Pro Arg Glu Phe Val Glu Asn Ser Glu Cys Ile
256      1      5      10      15
257 Gln Cys His Pro Glu Cys Leu Pro
258      20
267 (2) INFORMATION FOR SEQ ID NO: 10:
268 (i) SEQUENCE CHARACTERISTICS:
269      (A) LENGTH: 27 amino acids
270      (B) TYPE: amino acid
271      (C) STRANDEDNESS: unknown
272      (D) TOPOLOGY: unknown
273 (ii) MOLECULE TYPE: protein
274 (ix) FEATURE:
275      (A) NAME/KEY: CDS
276      (B) LOCATION: 50..1030
277 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10
278 Pro Lys Thr Asp Ser Gln Ile Leu Lys Glu Leu Glu Ser Ser Phe
279      1      5      10      15
280 Arg Lys Thr Phe Glu Asp Tyr Leu His Asn Val
281      20      25
290 (2) INFORMATION FOR SEQ ID NO: 11:
291 (i) SEQUENCE CHARACTERISTICS:

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/074,695

DATE: 06/18/2002

TIME: 09:07:03

Input Set : A:\213542000102 Seq List.txt

Output Set: N:\CRF3\06182002\J074695.raw

```

293      (A) LENGTH: 36 amino acids
294      (B) TYPE: amino acid
295      (C) STRANDEDNESS: unknown
296      (D) TOPOLOGY: unknown
298      (ii) MOLECULE TYPE: protein
300      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11
302      Gly Asn Glu Gln Ser Phe Arg Val Asp Leu Arg Thr Leu Leu Arg Tyr
303      1             5             10             15
305      Ala Gly Gly Gly Asn Glu Gln Ser Phe Arg Val Asp Leu Arg Thr Leu
306      20             25             30
308      Leu Arg Tyr Ala
309      35
312 (2) INFORMATION FOR SEQ ID NO: 12:
314      (i) SEQUENCE CHARACTERISTICS:
315          (A) LENGTH: 28 amino acids
316          (B) TYPE: amino acid
317          (C) STRANDEDNESS: unknown
318          (D) TOPOLOGY: unknown
320      (ii) MOLECULE TYPE: protein
322      (ix) FEATURE:
323          (A) NAME/KEY: CDS
324          (B) LOCATION: 50..1030
326      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12
328      Glu Tyr Glu Leu Gln Tyr Lys Glu Val Asn Glu Thr Lys Trp Lys Met
329      1             5             10             15
331      Met Asp Pro Ile Leu Thr Thr Ser Val Pro Val Tyr
332      20             25

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/074,695

DATE: 06/18/2002

TIME: 09:07:04

Input Set : A:\213542000102 Seq List.txt

Output Set: N:\CRF3\06182002\J074695.raw

L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]